embark on use of 20% alcohol in petrol which is being done all over the world and is pending decision; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) Yes, Sir. The State Governments and implementing agencies have been advised to develop and utilise various types of non-conventional energy systems and devices, such as, biogas, improved chulha solar thermal systems, solar photo voltaic systems, wind energy systems, mini-micro hidel plants, biomass based energy generation systems etc.

(b) Efforts are being made for development of wind energy in Andhra Pradesh. 50 wind mapping stations and 9 wind monitoring stations have been established for collection of wind data. In addition 6 more wind monitoring stations are under installation.

A 550 KW wind farm project has been established at Thirumala. The capacity of this project is being increased by another 500 KW. Recently, a 2 MW wind farm project has been taken up for installation at Ramagiri in ananthapur district. In addition 2 wind farm projects, 377 Shallow well and 10 deep well water pumping wind mills were installed in the State of Andhra Pradesh.

(c) and (d). A demonstration project for diesel replacement through duel-fuel system of ethanol-diesel has been taken up to run a fleet of 25 DTC buses in Delhi for studying various effects. As regards use of alcohol for petrol replacement, a project has been undertaken for demonstrating use of petrol 90% blended with anhydrous alcohol 10%. Various aspects of the above are being studies in the project

Industrial Backwardness due to Non-Availability of Electricity

5188. SHRI M. RAMANNA RAI: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government are aware that one of the reasons for the industrial backwardness of Malabar area is because of the non-availability of electricity;

(b) whether any proposal is pending before the Government for a super thermal plant to solve the electricity problems of the region;

(c) whether the Ministry of Environment has cleared the Trikkaipur super thermal plant; and

(d) if not, reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI) : (a) The distribution of power within various regions/areas of a State is the prerogative of the concerned State Government/State Electricity Board. However, dunng the period April, 91-February, 92, the State of Kerala, including Malabar region, faced an energy shortage of 3%

(b) The National Thermal Power Corporation propose to set up a Thermal Power Project with a capacity of 2 x 210 MW in the first stage in Alleppy District of Kerala,

(c) and (d). At present, there is no proposal to set-up a Super Thermal Power Plant at Trikanpur.

[*Translation*]

P.C.Os in Uttar Pradesh to Scheduled Tribes

5189. SHRI ARJUN SINGH YADAV: Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether there is any provision for setting up of a public telephone for Scheduled Tribes with the population of more than five thousand;